

Name of the Power Utility: MAHAGENCO Name of the Thermal Power Plant (Capacity in MW)- BHUSAWAL TPS. (1210 MW)										
Details of ash utilization during the Month of Feb-2023										
Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal	Pond Ash Availability in MT (up to 31.01.2023)	Ash Generated in MT during the Feb-2023		Ash Utilized in MT during Feb-2023			Pond Ash Availability in MT (up to 28.02.2023)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	VELHALA ASH BUND NO.3	115	Up to 2021	5948220.500	137635.15	58986.49	106237.38	0	163957	5874647.76
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (Feb - 2023)		Ash utilized in MT		Cummulative for Year (FY 22-23)			Ash	
		Dry ESP Fly Ash	Bottom Ash	Pond Ash		Dry ESP Fly Ash	Bottom Ash	Pond Ash		
1	Bricks/Blocks/Tiles industries									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	19947.43	0		0					
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)				134517					
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant	0								
	a) Dry ESP Fly Ash issued	0								
	b) Pond ash issued	0								
	Sub-Total	19947.43	0		134517					
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	19947.43	0		134517		186641.25			1226260.56
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	79623.89	0		0					
	b) RMC	0	0							
	c) Asbestos	0	0							
	Sub-Total	79623.89	0							
2B	Pond Ash Issued to Cement Industries	0	0		0					
	Total Fly Ash Issued to Cement Industries (2A+2B)	79623.89	0		0		813083.62			
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0		0					
3B	Pond Ash Issued for Road construction (Outside)	0	0		29440					
	Total Fly Ash Issued for Road Construction (3A+3B)	0	0		29440					259040.00
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0		0					
5	Total Fly ash supplied to Hydro power sector	0	0		0					
6	Total Fly ash used for Ash Dyke raising	0	0		0					
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land	0	0		0					
	b) Outside Land	0	0		0					
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0		0					
8	Mine filling									
	a) Open cast mine	0	0		0					
	b) U.G.Mine	0	0		0					
	Total Fly Ash used for Mine filling	0	0		0					
9	Agriculture / waste land development									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0		0					
9B	Pond Ash Issued for Agriculture / waste land development				0					
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)				0					77.00
10	Others									
	a) CLSM	0								
	b) Cenospheres	0								
	c) Bottom ash cover	0								
	d) Any other	6666.06								
	Total Fly Ash Issued for other purpose	0			0		112127.89			
	Grand Total	106237.38			163957		111852.76			1485377.56

Bottom ash -collected from the bottom of furnace

Dry ESP Fly Ash - Collected from ESP and stored in Silo

Pond Ash - Fly ash and bottom ash Stored in Pond

CLSM - Controlled Low strength Material